

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No. <b>031816-2</b> First Inventor <b>Mutsumi MITARASHI</b> Title <b>DIFFERENTIAL INPUT CIRCUIT</b> Express Mail Label No. <b>16424 U.S. PRO 10/66071</b> <span style="float: right;">09/12/03</span>	
<b>APPLICATION ELEMENTS</b>		<b>Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</b>	
See MPEP chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> <b>16424 U.S. PRO 10/66071</b> <b>10/66071</b> <b>Alexandria, VA 22313-1450</b>	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i> 3. <input checked="" type="checkbox"/> Specification [Total Pages 44] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings <i>(if filed)</i></li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> 4. <input checked="" type="checkbox"/> Drawing(s) <i>(35 U.S.C. 113)</i> [ Total Sheets 10 ] 5. Oath or Declaration [ Total Pages 3 ] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u>            Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</li> </ul> 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76			
7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies; or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul>			
<b>ACCOMPANYING APPLICATION PARTS</b>			
9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input checked="" type="checkbox"/> Certified Copy of Japanese Priority Document No. 2003-076205 Filed: March 19, 2003 16. <input type="checkbox"/> Nonpublication request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: _____			
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)    of prior application No.: _____ / _____ Prior application information:    Examiner: _____    Group / Art Unit: _____			
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
<b>19. CORRESPONDENCE ADDRESS</b>			
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		22204 <i>(Insert Customer No. or Attach bar code label here)</i>	
or <input type="checkbox"/> Correspondence address below			
Name: _____ Address: _____ City: _____ State: _____ Zip Code: _____ Country: _____ Telephone: _____ Fax: _____			
Name (Print/Type)		Donald R. Studebaker	
Registration No. (Attorney/Agent)		32,815	
Signature			
Date		September 12, 2003	

# FEE TRANSMITTAL FOR FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT \$790.00

Complete if Known

Application Number	New Application
Filing Date	September 12, 2003
First Named Inventor	Mutsumi MITARASHI
Examiner Name	
Art Unit	

Attorney Docket No. 031816-2

## METHOD OF PAYMENT (check all that apply)

 Check  Credit Card  Money Order  Other  None
 Deposit Account:

Deposit Account Number 19-2380 (031816-2)

Deposit Account Name Nixon Peabody LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001	2001	375 Utility filing fee	\$750
1002	2002	165 Design filing fee	
1003	2003	260 Plant filing fee	
1004	2004	375 Reissue filing fee	
1005	2005	80 Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>\$750.00</b>

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
19	1		-20** =	0 X _____ =	
			-3*** =	0 X _____ =	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202	2202	9 Claims in excess of 20
1201	2201	42 Independent claims in excess of 3
1203	2203	140 Multiple dependent claim, if not paid
1204	2204	42 ** Reissue independent claims over original patent
1205	2205	9 ** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)
1051	130	2051	65 Surcharge - late filing fee or oath
1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet
		1053	130 Non-English specification
		1812	2,520 For filing a request for <i>ex parte</i> reexamination
		1804	920* Requesting publication of SIR prior to Examiner action
		1805	1,840* Requesting publication of SIR after Examiner action
		1251	110 Extension for reply within first month
		1252	410 Extension for reply within second month
		1253	930 Extension for reply within third month
		1254	1,450 Extension for reply within fourth month
		1255	1,970 Extension for reply within fifth month
		1401	320 Notice of Appeal
		1402	320 Filing a brief in support of an appeal
		1403	280 Request for oral hearing
		1451	1,510 Petition to institute a public use proceeding
		1452	110 Petition to revive – unavoidable
		1453	1,300 Petition to revive – unintentional
		1501	1,300 Utility issue fee (or reissue)
		1502	470 Design issue fee
		1503	630 Plant issue fee
		1460	130 Petitions to the Commissioner
		1807	50 Processing fee under 37 CFR 1.17(q)
		1806	180 Submission of Information Disclosure Stmt
		8021	40 Recording each patent assignment per property (times number of properties)
		1809	750 Filing a submission after final rejection (37 CFR 1.129(a))
		1810	750 For each additional invention to be examined (37 CFR 1.129(b))
		1801	750 Request for Continued Examination (RCE)
		1802	900 Request for expedited examination of a design application
		Other fee (specify) _____	

\*Reduced by Basic Filing Fee Paid

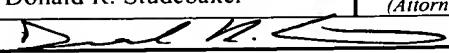
SUBTOTAL (3) \$40.00

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on \_\_\_\_\_.

Name: \_\_\_\_\_

Complete (if applicable)

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Donald R. Studebaker	Registration No. (Attorney/Agent)	32,815	Telephone (202) 585-8000
Signature			Date	September 12, 2003